

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Shahriar Ahmed

Serial No.: 10/632,944

Filed: July 31, 2003

For: SUPER SELF-ALIGNED COLLECTOR DEVICE )  
FOR MONO-AND HETERO BIPOLAR )  
JUNCTION TRANSISTORS, AND METHOD OF )  
MAKING SAME )

Examiner: Fetsum Abraham

Art Unit: 2826

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed September 22, 2004, Applicants respectfully request the Examiner to enter the following amendments and consider the following remarks:


**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on November 22, 2004

Date of Deposit

Michelle Begay

Name of Person Mailing Correspondence

  
Signature

November 22, 2004  
Date

11/29/2004 EAREGAY1 00000056 10632944

01 FC:1201  
02 FC:1202

88.00 OP  
72.00 OP



IFW

**AMENDMENT TRANSMITTAL**

**PATENT**

Application No.: 10/632,944  
Filing Date: July 31, 2003  
First Named Inventor: Shahriar Ahmed  
Examiner's Name: Fetsum Abraham  
Art Unit: 2826  
Attorney Docket No.: 42P10970D

- ☐ An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.
- ☒ Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
- ☒ Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
- ☐ Applicant(s) claim small entity status (37 CFR 1.27).

**ATTACHMENTS**

- ☐ Preliminary Amendment
- ☒ Amendment/Response with respect to Office Action
- ☐ Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
- ☐ Notice of Appeal
- ☐ RCE (Request for Continued Examination)
- ☐ Supplemental Declaration
- ☐ Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)
- ☐ Information Disclosure Statement (IDS)
- ☐ Copies of IDS citations
- ☐ Petition for Extension of Time
- ☒ Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
- ☐ Cross-Reference to Related Application(s)
- ☐ Certified Copy of Priority Document
- ☐ Other: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_
- ☒ Check(s) \$160.00
- ☒ Postcard (Return Receipt)

**SUBMITTED BY:**

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: Mimi Diemmy Dao

SIGNATURE: \_\_\_\_\_

REG. NO.: 45,628

DATE: November 22, 2004

ADDRESS: 12400 Wilshire Boulevard, Seventh Floor

Los Angeles, California 90025

TELEPHONE NO.: (408) 720-8300

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)**

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Date of Deposit

Michelle Begay

Name of Person Mailing Correspondence

Michelle Begay  
Signature

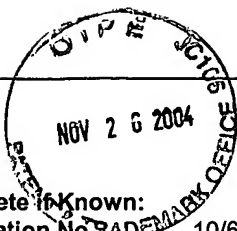
November 22, 2004

Date

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(10/14/03)

**FEE TRANSMITTAL FOR FY 2005**

(FY 2005 Begins 10/01/2004)

**TOTAL AMOUNT OF PAYMENT (\$)** \$160.00

Complete Known:

Application No. 10/632,944Filing Date July 31, 2003First Named Inventor Shahriar AhmedExaminer Name Fetsum AbrahamArt Unit 2826Attorney Docket No. 42P10970D☐ Applicant claims small entity status. See 37 CFR 1.27.**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☐ Charge fee(s) indicated below.☒ Credit any overpayments.☒ Charge any additional fees during the pendency of this application.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.☐ Charge fee(s) indicated below except for the filing fee.**FEE CALCULATION****1. BASIC FILING FEE**

| <u>Large Entity</u> |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>             | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|------------------------------------|-----------------|
| <u>Code</u>         | <u>Fee (\$)</u> | <u>Code</u>         | <u>Fee (\$)</u> |                                    |                 |
| 1001                | 790             | 2001                | 395             | Utility application filing fee     | _____           |
| 1002                | 350             | 2002                | 175             | Design application filing fee      | _____           |
| 1003                | 550             | 2003                | 275             | Plant filing fee                   | _____           |
| 1004                | 790             | 2004                | 395             | Reissue filing fee                 | _____           |
| 1005                | 160             | 2005                | 80              | Provisional application filing fee | _____           |

**SUBTOTAL (1)** \$ 00.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    |           | <u>Extra Claims</u> |          | <u>Fee from below</u> |              | <u>Fee Paid</u> |
|--------------------|-----------|---------------------|----------|-----------------------|--------------|-----------------|
|                    |           |                     |          |                       |              |                 |
| Total Claims       | <u>24</u> | - 20** =            | <u>4</u> | X                     | <u>18.00</u> | = <u>72.00</u>  |
| Independent Claims | <u>6</u>  | - 5** =             | <u>1</u> | X                     | <u>88.00</u> | = <u>88.00</u>  |
| Multiple Dependent |           |                     |          |                       |              | = _____         |

**\*\*Or number previously paid, if greater; For Reissues, see below.**

| <u>Large Entity</u> |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>                                    |
|---------------------|-----------------|---------------------|-----------------|---|
| <u>Code</u>         | <u>Fee (\$)</u> | <u>Code</u>         | <u>Fee (\$)</u> |   |
| 1202                | 18              | 2202                | 9               | Claims in excess of 20                                    |
| 1201                | 88              | 2201                | 44              | Independent claims in excess of 3                         |
| 1203                | 300             | 2203                | 150             | Multiple dependent claim, if not paid                     |
| 1204                | 88              | 2204                | 44              | **Reissue independent claims over original patent         |
| 1205                | 18              | 2205                | 9               | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** \$ 160.00

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| <u>Large Entity</u> |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>   | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|--|-----------------|
| <u>Code</u>         | <u>Fee (\$)</u> | <u>Code</u>         | <u>Fee (\$)</u> |  |                 |
| 1051                | 130             | 2051                | 65              | Surcharge - late filing fee or oath  | _____           |
| 1052                | 50              | 2052                | 25              | Surcharge - late provisional filing fee or cover sheet                     | _____           |
| 1053                | 130             | 1053                | 130             | Non-English specification  | _____           |
| 1812                | 2,520           | 1812                | 2,520           | For filing a request for ex parte reexamination                            | _____           |
| 1813                | 8,800           | 1813                | 8,800           | Request for inter parties reexamination                                    | _____           |
| 1804                | 920*            | 1804                | 920*            | Requesting publication of SIR prior to Examiner action                     | _____           |
| 1805                | 1,840*          | 1805                | 1,840*          | Requesting publication of SIR after Examiner action                        | _____           |
| 1251                | 110             | 2251                | 55              | Extension for reply within first month                                     | _____           |
| 1252                | 430             | 2252                | 215             | Extension for reply within second month                                    | _____           |
| 1253                | 980             | 2253                | 490             | Extension for reply within third month                                     | _____           |
| 1254                | 1,530           | 2254                | 765             | Extension for reply within fourth month                                    | _____           |
| 1255                | 2,080           | 2255                | 1,040           | Extension for reply within fifth month                                     | _____           |
| 1401                | 340             | 2401                | 170             | Notice of Appeal   | _____           |
| 1402                | 340             | 2402                | 170             | Filing a brief in support of an appeal                                     | _____           |
| 1403                | 300             | 2403                | 150             | Request for oral hearing   | _____           |
| 1451                | 1,510           | 1451                | 1,510           | Petition to institute a public use proceeding                              | _____           |
| 1452                | 110             | 2452                | 55              | Petition to revive - unavoidable   | _____           |
| 1453                | 1,370           | 2453                | 685             | Petition to revive - unintentional   | _____           |
| 1501                | 1,370           | 2501                | 685             | Utility issue fee (or reissue)   | _____           |
| 1502                | 490             | 2502                | 245             | Design issue fee   | _____           |
| 1503                | 660             | 2503                | 330             | Plant issue fee  | _____           |
| 1460                | 130             | 1460                | 130             | Petitions to the Commissioner  | _____           |
| 1807                | 50              | 1807                | 50              | Processing fee under 37 CFR 1.17(q)  | _____           |
| 1806                | 180             | 1806                | 180             | Submission of Information Disclosure Stmt                                  | _____           |
| 8021                | 40              | 8021                | 40              | Recording each patent assignment per property (times number of properties) | _____           |
| 1809                | 790             | 2809                | 395             | For filing a submission after final rejection (see 37 CFR 1.129(a))        | _____           |
| 1814                | 110             | 2814                | 55              | Statutory Disclaimer   | _____           |
| 1810                | 790             | 2810                | 395             | For each additional invention to be examined (see 37 CFR 1.129(b))         | _____           |
| 1801                | 790             | 2801                | 395             | Request for Continued Examination (RCE)                                    | _____           |
| 1802                | 900             | 1802                | 900             | Request for expedited examination of a design application                  | _____           |
| 1504                | 300             | 1504                | 300             | Publication fee for early, voluntary, or normal pub.                       | _____           |
| 1505                | 300             | 1505                | 300             | Publication fee for republication  | _____           |
| 1803                | 130             | 1803                | 130             | Request for voluntary publication or republication                         | _____           |
| 1808                | 130             | 1808                | 130             | Processing fee under 37 CFR 1.17(i) (except provisionals)                  | _____           |
| 1454                | 1,370           | 1454                | 1,370           | Acceptance of unintentionally delayed claim for priority                   | _____           |

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 00.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: Mimi Diemmy DaoSignature: \_\_\_\_\_ Date: November 22, 2004Reg. Number: 45,628 Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450